

ATTACHMENT A

1. (currently amended) ~~[[A]]~~ An adduct comprising  
 $\text{MgCl}_2 \cdot (\text{EtOH})_m (\text{ROH})_n (\text{H}_2\text{O})_p$  ~~adduct in which~~ wherein,

R is a  $\text{C}_1$ - $\text{C}_{15}$  hydrocarbon group ~~different from~~ excluding  
ethyl, optionally substituted with at least one group  
comprising a heteroatom ~~heteroatoms containing groups,~~ i

n and m are indexes~~[[,]]~~ higher than 0, satisfying the  
equations  $(n+m) \geq 0.7$  and  $0.05 \leq n/(n+m) \leq 0.95$ ;

and p is a number ranging from 0 to 0.7 with the proviso  
that when R is methyl and  $(n+m)$  is in the range of 0.7 to 1,  
the value of  $n/(n+m)$  ranges from 0.05 to 0.45.

2. (currently amended) The adduct according to claim 1,  
~~characterized by the fact that~~ wherein said  $(n+m)$  is higher  
than 1.

3. (currently amended) The adduct according to claim 2,  
~~characterized by the fact that~~ wherein said  $(n+m)$  ranges from  
2 to 5.

4. (currently amended) The adduct according to claim 1,  
~~characterized by the fact that the value~~ wherein said  $n/(n+m)$   
ranges from 0.1 to 0.4

5. (currently amended) The adduct according to claim 4,  
~~characterized by the fact that the value~~ wherein said  $n/(n+m)$   
ranges from 0.15 to 0.35.

6. (currently amended) The adduct according to claim 1,  
~~characterized by the fact that the index~~ wherein said p  
ranges from 0.01 to 0.6.

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7. (currently amended) The adduct according to claim 6, ~~characterized by the fact that the index~~ wherein said p ranges from 0.01 to 0.4.

8. (currently amended) The adduct according to claim 1, ~~characterized by the fact that~~ wherein R groups ~~are~~ is selected from the group consisting of a methyl, [[or]] a C<sub>3</sub>-C<sub>10</sub> saturated hydrocarbon, and derivatives thereof.

9. (currently amended) The adduct according to claim 1, ~~characterized by the fact that the~~ wherein said ROH alcohols ~~are~~ is selected from the group consisting of methanol, propanol, isopropanol, butanol, sec-butanol, tert-butanol, pentanol, 2-methyl-1-pentanol, 2-ethyl-1-hexanol, phenol, 4-methyl-1-phenol, 2,6-dimethyl-1-phenol, cyclohexanol, cyclopentanol, and derivatives thereof.

10. (Cancelled)

11. (currently amended) A ~~catalyst component~~ method for the polymerization of olefins comprising ~~the product obtained by~~ contacting a transition metal compound comprising at least one transition metal of groups 4 to 6 of the Periodic Table of Elements (new notation) selected from the group consisting of Ti, Zr, Hf, Rf, V, Nb, Ta, Db, Cr, Mo, W, and Sg with [[an]] said adduct according to ~~anyone of the preceding claims~~ claim 1.

12. (currently amended) The ~~catalyst component~~ method

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according to claim 11, ~~in which the~~ said transition metal compound is ~~selected from a titanium compounds compound~~ of formula  $Ti(OR)_nX_{y-n}$  ~~in which~~ wherein,

n is ~~emprised~~ between 0 and y;

y is the valence of titanium;

X is a halogen; and

R is selected from the group consisting of an alkyl radical having 1-8 carbon atoms, [[or]] a group having the formula COR group, and derivatives thereof.

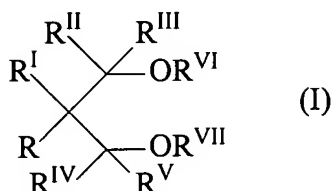
13. (currently amended) The ~~eatalyst—component~~ method according to claim 12, ~~in which the~~ wherein said titanium compound is selected from the group consisting of  $TiCl_3$ ,  $TiCl_4$ ,  $Ti(OBu)_4$ ,  $Ti(OBu)Cl_3$ ,  $Ti(OBu)_2Cl_2$ , and  $Ti(OBu)_3Cl$ .

14. (currently amended) The ~~eatalyst—component~~ method according to claim 11, ~~which further contains~~ comprising contacting an electron donor compound with said transition metal compound and said adduct.

15. (currently amended) The ~~eatalyst—component~~ method according to claim 14, ~~in which the~~ wherein said electron donor is selected from the group consisting of alkyl [[or]] and aryl esters of mono [[or]] and polycarboxylic acids.

16. (currently amended) The ~~eatalyst—component~~ method according to claim 14, ~~in which the~~ said electron donor is ~~selected from a 1,3 diethers~~ diether of the formula:

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wherein R, R<sup>I</sup>, R<sup>II</sup>, R<sup>III</sup>, R<sup>IV</sup> and R<sup>V</sup> are equal the same or different to each other, and are selected from the group consisting of hydrogen, [[or]] hydrocarbon radicals having from 1 to 18 carbon atoms, and derivatives thereof, and R<sup>VI</sup> and R<sup>VII</sup>[[,]] are equal the same or different from each other, and are hydrocarbon radicals having from 1 to 18 carbon atoms, and derivatives thereof,~~one or more of the R-R<sup>VII</sup> groups can be linked to form a cycle.~~

17. (currently amended) The catalyst component method for the polymerization of olefins according to claim 11, wherein said adduct is subjected to a dealcoholation treatment before being contacted with said transition metal ~~characterized by the fact that before being contacted with the transition metal compound, the adduct is subject to a dealcoholation treatment.~~

18. (currently amended) A method according to claim 11, further comprising contacting an aluminium alkyl compound with said transition metal compound and said adduct Catalyst ~~for the polymerization of olefins comprising the product obtained by contacting a catalyst component according to one of the claims 11 to 17, and an aluminum alkyl compound.~~

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19. (currently amended) ~~The catalyst for the polymerization of olefins according to~~ The method of claim 18; ~~in which the wherein said~~ aluminum compound is an Al-trialkyl compound.

20. (currently amended) ~~The catalyst for the polymerization of olefins according to~~ The method of claim 19 further comprising an external donor.

21. (currently amended) ~~The catalyst for the polymerization of olefins according to~~ The method of claim 20, ~~in which the wherein said~~ external donor is ~~selected from the a~~ silane compounds compound containing comprising at least [[a]] one Si-OR link, having of the formula  $R_a^1 R_b^2 Si(OR^3)_c$ , where wherein  
a and b are an integer from 0 to 2~~[[,]]~~;  
c is an integer from 1 to 3, the sum (a+b+c) is 4; and  
 $R^1$ ,  $R^2$ , and  $R^3$ , are alkyl, cycloalkyl or aryl radicals with 1-18 carbon atoms.

22. (currently amended) A method for ~~Process for the polymerization of polymerizing~~ olefins of formula  $CH_2=CHR$ , ~~in which wherein~~ R is selected from the group consisting of hydrogen, [[or]] a hydrocarbon radical having 1-12 carbon atoms, and derivatives thereof, ~~carried out~~ in the presence of [[a]] said catalyst according to ~~one of the claims 18-21~~ claim 18.

23. (new) The method of claim 16, wherein one or more of said  $R-R^{VII}$  groups form a cyclic link.